



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/790,506-Conf. #1031
Sheet	1	of	1	Filing Date	March 1, 2004
				First Named Inventor	Eric Feron
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	101328-0181

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
/EP/		5,075,562	12-24-1991	Greivenkamp, Jr. et al.	
/EP/		5,886,781	03-23-1999	Muller et al.	
/EP/		6,671,058	12-30-2003	Braunecker et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number-Kind Code ⁴ (if known)	MM-DD-YYYY		
/EP/		DE 43 08 753 C1	07-21-1994	DEUTSCHE AEROSPACE AG	

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/EP/		ESTANA, R. et al., Moire-Based Positioning System For Micro Robots, <i>Proceedings of the SPIE – The International Society For Optical Engineering SPIE-INT</i> , 2003, pp. 431-442, Vol. 5144			
/EP/		FERON, E. et al., A Passive Sensor For Position And Attitude Estimation Using An Interferometric Target, <i>2004 43rd IEEE Conference On Decision And Control (CDC) (IEEE Cat. No. 04CH37601)</i> , 2004, pp. 1663-1669, Vol. 2			

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Examiner Signature	/Edward Park/	Date Considered	04/23/2007
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		Number-Kind Code ² (if known)			
/EP/		6,577,272	06-10-2003	Madden	
		6,239,725	05-29-2001	Bray	
		6,088,103	07-11-2000	Everett et al.	
		5,900,935	05-04-1999	Klein et al.	
		5,898,486	04-27-1999	Chesko, Sr. et al.	
		5,841,134	11-24-1998	Burgschat et al.	
		4,734,702	03-29-1988	Kaplan	
		4,529,981	07-16-1985	Ratcliffe	
		3,569,723	03-09-1971	Brake et al.	
		3,351,768	11-07-1967	Cooke	
		2003/0090675-A1	05-15-2003	Fujiwara	
		2003/0053037-A1	03-20-2003	Blaesing-Bangert et al.	
▼		2003/0038945-A1	02-27-2003	Mahner	
		2002/0179826-A1	12-05-2002	Laberge et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
/EP/		SU-446395	04-18-1975	Malyshev, A.I.	
/EP/		EP-254823	02-03-1988	Heidenhain GmbH Johannes	
/EP/		DE-10025410	12-06-2001	Stegmann GmbH Antriebstechnik Elektronik	

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/EP/		ALLAN, J., An Application of Optical Interference to Dynamic Position Measurement In Three Dimensions, <i>Dissertation Abstracts International</i> , 1987, p. 6033, Vol. 52/11-B			
/EP/		FUJIWARA, N. et al., A Measurement Of Vehicle Position Using Laser Interferometer System, <i>Proceedings of the Annual Conference of the Institute of Systems, Control and Information Engineers</i> , 1992, pp. 453-454, Vol. 36, Japan			
/EP/		HELVAS, Helicopter Visual Landing Aids – Naval Helicopter Launch And Recovery			
/EP/		HELVAS, SGSI Stabilised Glide Slope Indicator			
/EP/		KAMIYA, K. et al., Position-sensing grating interferometer for a Specular Object-Analysis Considering The Aberration, <i>Proc. SPIE – Int. Soc. Opt. Eng. (USA)</i> , 2001, pp. 416-19, Vol. 4416			

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